

**In the Claims:**

Please amend the claims as follows:

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1. (previously amended, currently amended) A computer-implemented method comprising:  
consolidating data organized into records and items, such that each record has a value for each item, into a plurality of groups;  
based on the plurality of groups, determining a predicted vote for a particular record and a particular item using a similarity scoring approach that reflects likelihood similarity between at least one probability model that characterizes an essentially complete group of the plurality of groups and the particular record; and[[,]]  
outputting the predicted vote for the particular record and the particular item.
  2. (original) The method of claim 1, wherein consolidating the data into the plurality of groups comprises consolidating the data into a plurality of clusters.
  3. (original) The method of claim 1, wherein consolidating the data into the plurality of groups comprises consolidating the data into a plurality of descriptors.
  4. (original) The method of claim 1, wherein each record is referred to as at least one of: a row, and a user.
  5. (original) The method of claim 1, wherein each item is referred to as at least one of: a column, and a dimension.
  6. (original) The method of claim 1, wherein each record comprises a user, and each item comprises a product, such that determining the predicted vote for the particular record and the particular item comprises determining whether a particular user will purchase a particular product.

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7. (original) The method of claim 1, wherein each record comprises a user, and each item comprises a web page, such that determining the predicted vote for the particular record and the particular item comprises determining whether a particular user will view a particular web page.

Claims 8-9 (previously cancelled)

10. (previously amended, currently amended) A computer-readable machine-readable medium having instructions stored thereon for execution by a processor to perform a method comprising:

consolidating data organized into records and items, such that each record has a value for each item, into a plurality of groups; and[[,]]

based on the plurality of groups, determining a predicted vote for a particular record and a particular item using a likelihood similarity scoring approach or a correlation similarity scoring approach between the particular record and at least one probability model that characterizes an essentially complete group of the plurality of groups.

11. (original) The medium of claim 10, the method further comprising outputting the predicted vote for the particular record and the particular item.

12. (original) The medium of claim 10, wherein consolidating the data into the plurality of groups comprises consolidating the data into one of: a plurality of clusters, and a plurality of descriptors.

13. (original) The medium of claim 10, wherein each record is referred to as at least one of: a row, and a user.

14. (original) The medium of claim 10, wherein each item is referred to as at least one of: a column, and a dimension.

Claim 15 (previously cancelled)

16. (previously amended, currently amended) A computer-implemented method operable on data organized into records and items, such each record has a value for each item, the data also consolidated into a plurality of clusters, the method comprising:

based on the plurality of clusters, determining a predicted vote for a particular record and a particular item using a likelihood similarity scoring approach or a correlation similarity scoring approach between the particular record and at least one probability model that characterizes an essentially complete cluster of the plurality of clusters; and[[,]]

outputting the predicted vote for the particular record and the particular item.

17. (original) The method of claim 16, wherein each record comprises a user, and each item comprises a product, such that determining the predicted vote for the particular record and the particular item comprises determining whether a particular user will purchase a particular product.

18. (original) The method of claim 16, wherein each record comprises a user, and each item comprises a web page, such that determining the predicted vote for the particular record and the particular item comprises determining whether a particular user will view a particular web page.

Claim 19 (previously cancelled)

20. (previously amended, currently amended) A computer-implemented method operable on data organized into records and items, such each record has a value for each item, the data also consolidated into a plurality of descriptors ~~clusters~~, the method comprising:

based on the plurality of descriptors, determining a predicted vote for a particular record and a particular item using a correlation similarity scoring approach that finds a similarity between the particular record and one probability model that characterizes an essentially complete descriptor of the plurality of descriptors ~~clusters~~; and[[,]]

outputting the predicted vote for the particular record and the particular item.

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21. (original) The method of claim 20, wherein each record comprises a user, and each item comprises a product, such that determining the predicted vote for the particular record and the particular item comprises determining whether a particular user will purchase a particular product.

22. (original) The method of claim 20, wherein each record comprises a user, and each item comprises a web page, such that determining the predicted vote for the particular record and the particular item comprises determining whether a particular user will view a particular web page.

Claim 23 (previously cancelled)

24. (previously added) The method of claim 1 wherein the particular record is contained within the records that are organized into groups and wherein a probability that a given group contains the particular record is used to reflect likelihood similarity.

25. (previously added, currently amended) The computer-readable ~~machine-readable~~ medium of claim 10 & wherein the particular record is contained within the records that are organized into groups and wherein a probability that a given group contains the particular record is used as the correlation similarity.

26. (previously added) The method of claim 16 wherein the particular record is contained within the records that are consolidated into clusters and wherein a probability that a given cluster contains the particular record is used to reflect correlation similarity scoring.

27. (previously added) The computer implemented method of claim 20 wherein the particular record is contained within the records that are consolidated into clusters and wherein a probability that a given cluster contains the particular record is used to find similarity between the particular record and one of the plurality of clusters.

28. (previously added, currently amended) A computer-implemented method comprising:

consolidating data organized into records and items, such that each record has a value for each item, into a plurality of groups;

based on the plurality of groups, determining a predicted vote for a particular record and a particular item using a similarity scoring approach that reflects correlation similarity between at least one probability model that characterizes an essentially complete group of the plurality of groups and the particular record; and[[,]]

outputting the predicted vote for the particular record and the particular item.

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